



ELSEVIER

Computer Physics Communications 93 (1996) 322-323

Computer Physics
Communications

Contents to volume 93

Computational physics

Xiao, F., T. Yabe and T. Ito	
Constructing oscillation preventing scheme for advection equation by rational function	1
Ito, T., H. Eldeib, K. Yoshida, S. Takahashi, T. Yabe and T. Kunugi	
Special-purpose computer for holography HORN-2	13
Bar-Shalom, A., M. Klapisch and J. Oreg	
Phase-amplitude algorithms for atomic continuum orbitals and radial integrals	21
Kalkreuter, T. and H. Simma	
An accelerated conjugate gradient algorithm to compute low-lying eigenvalues – a study for the Dirac operator in SU(2) lattice QCD	33
Schmalian, J., M. Langer, S. Grabowski and K.H. Bennemann	
Self-consistent summation of many-particle diagrams on the real frequency axis and its application to the FLEX approximation	141
Braun, M., C. Meier and V. Engel	
Nanosecond wave-packet propagation with the Split-Operator Technique	152
Roy, D., R. Bhattacharya and S. Bhowmick	
Rational approximants using Levin-Weniger transforms	159
Kramer, K.M. and W.N.G. Hitchon	
Strategies for mesh-handling and model specification within a highly flexible simulation framework	179

Computer programs in physics

Grau Carles, A.	
MLOG, the simultaneous standardization of multi-nuclide mixtures	48
Lamberti, C.	
Interface simulation of strained and non-abrupt III-V quantum wells. Part 1: band profile calculation	53
Lamberti, C.	
Interface simulation of strained and non-abrupt III-V quantum wells. Part 2: energy level calculation versus experimental data	82
Montagna, G., O. Nicrosini, G. Passarino and F. Piccinini	
TOPAZ0 2.0 - A program for computing de-convoluted and realistic observables around the Z^0 peak	120
Molisch, A.F., B.P. Oehry, W. Schupita and G. Magerl	
McTrap, a program for the computation of radiation trapping in 3-level atoms including bleaching effects	127



ELSEVIER

Computer Physics Communications 93 (1996) 322-323

Computer Physics
Communications

Contents to volume 93

Computational physics

Xiao, F., T. Yabe and T. Ito	
Constructing oscillation preventing scheme for advection equation by rational function	1
Ito, T., H. Eldeib, K. Yoshida, S. Takahashi, T. Yabe and T. Kunugi	
Special-purpose computer for holography HORN-2	13
Bar-Shalom, A., M. Klapisch and J. Oreg	
Phase-amplitude algorithms for atomic continuum orbitals and radial integrals	21
Kalkreuter, T. and H. Simma	
An accelerated conjugate gradient algorithm to compute low-lying eigenvalues – a study for the Dirac operator in SU(2) lattice QCD	33
Schmalian, J., M. Langer, S. Grabowski and K.H. Bennemann	
Self-consistent summation of many-particle diagrams on the real frequency axis and its application to the FLEX approximation	141
Braun, M., C. Meier and V. Engel	
Nanosecond wave-packet propagation with the Split-Operator Technique	152
Roy, D., R. Bhattacharya and S. Bhowmick	
Rational approximants using Levin-Weniger transforms	159
Kramer, K.M. and W.N.G. Hitchon	
Strategies for mesh-handling and model specification within a highly flexible simulation framework	179

Computer programs in physics

Grau Carles, A.	
MLOG, the simultaneous standardization of multi-nuclide mixtures	48
Lamberti, C.	
Interface simulation of strained and non-abrupt III-V quantum wells. Part 1: band profile calculation	53
Lamberti, C.	
Interface simulation of strained and non-abrupt III-V quantum wells. Part 2: energy level calculation versus experimental data	82
Montagna, G., O. Nicrosini, G. Passarino and F. Piccinini	
TOPAZO 2.0 - A program for computing de-convoluted and realistic observables around the Z^0 peak	120
Molisch, A.F., B.P. Oehry, W. Schupita and G. Magerl	
McTrap, a program for the computation of radiation trapping in 3-level atoms including bleaching effects	127

Lakshmi Narayan, K.	
Computer modelling of grain microstructure in three dimensions	136
Popelier, P.L.A.	
MORPHY, a program for an automated "atoms in molecules" analysis	212
Judge, R.H., E.D. Womeldorf, R.A. Morris, D.E. Shimp, D.J. Clouthier, D.L. Joo and D.C. Moule	
Computer-assisted analysis of singlet-triplet rotational spectra: application to Case (A), Case (B) and Case (AB) coupling cases in polyatomic molecules	241
Kadlecsik, J.	
Ricci calculus package in REDUCE	265
Ortiz, F. and J.M. Los Arcos	
MCBETH: liquid scintillation counting spectra computation at the dynodic output of the photomultipliers	283
Nguyen, H.V., J.M. Campbell, G.P. Couchell, S. Li, D.J. Pullen, W.A. Schier, E.H. Seabury and S.V. Tipnis	
Programs in C for parameterizing measured $5'' \times 5''$ NaI gamma response functions and unfolding of continuous gamma spectra	289
Louvel, S. and J.-F. Chamayou	
Packing and depacking histograms with statistical processing	303